Kim Van Wyk

Phone Number: 425-577-4976

Email: kmvanwyk@msn.com   LinkedIn: www.linkedin.com/in/kimberly-van-wyk

---

EDUCATION

UW Bothell | *Bachelor of Science – Computer Science/Software Engineering*   GPA 3.37

Graduated: Spring 2019 *Relevant Classes*: Data Structure & Algorithms I & II, Programming with Object Oriented Languages, Software Engineering, Software Management Principles, Technical Writing, Software Project Management, Human-Computer Interaction, Math for Software Development - programmed in **Python**, Hardware and Computer Organization, Special Topics - Scripting using **Linux** operating system, Analysis & Design, Operating Systems, Cloud Computing using **Azure** & **AWS**

Edmonds Community College | *Certificates of Completion Software Development in C/C++ and Java* GPA 3.73

Attended: Spring 2015-Summer 2017 *Relevant Classes*: Intro to Statistics, Intro to Programming, Computer Science **C/C++** I, II & III, Computer Science **Java** I, II & III all in **Windows** operating system mostly using **Visual Studio**

WORK EXPERIENCE

Software Developer | *Elcano Project - UW Bothell*   Spring 2019
- Refactored existing code to be adherent to C++ style using **Arduino**
- Resolved bugs in existing code, catching errors like overflowing variables, conflicting variable defs, improper variable passing
- Developed code for functions used to create movement/location planning for the Elcano autonomous trike

Realtor | *Coldwell Banker Bain, Keller Williams, John L. Scott (current)*   2005 – Present
- Supported home buyers/sellers by imparting knowledge, following trends, listening and advising
- Completed BPO's (like appraisals) for banks/investors - home valuations for risk evaluation & mortgage analysis
- Worked with all types of individuals in high pressure situations, employing organization, attention to detail, time management, analytical and negotiation skills

PROJECTS

Music Maker | *Cloud Computing*   Winter 2019
- Created a website with a partner, to look up music lyrics, find concert events using Ticketmaster including login, contact pages
- Services and Technologies used: C#, Visual Studio, ASP.NET, JSon, Windows Azure: storage blob, storage table, app services

Panda - Collaboration Tool | *Human Computer Interaction*   Spring 2018
- Collaborated to design an easy to use app consolidating tech for online collaboration simplifying & facilitating group interactions
- Skills learned: PACT analysis, functional/nonfunctional requirements, usability eval, storyboarding, wireframes, interface design

Address Book | *Java II*   Spring 2017
- Designed an API and coded an address book to efficiently enter/delete/look-up contacts using Java.

Huffman Compression | *Data Structures, Algorithms, Discrete Mathematics II*   Spring 2018
- Used C++ to create a reader and writer using Huffman compression, bit manipulation and a priority queue implemented with a heap to compress a file to 58% of its original size and then read the bits to reverse compression and restore the file

ACTIVITIES/LEADERSHIP

Computing Education   Winter 2018
- Created games & activities using Scratch to teach computer programming concepts to kids at YMCA program

Blockchain Society - UW Bothell   Spring/Summer 2018
- Worked with other club officers to initiate the first UWB Blockchain Club, grow the club, and create club guideline documents
- Helped plan first UW Blockchain Conference co-hosted at the University of Washington Seattle Campus

Clubs, Honors and Memberships
- ACM - Association for Computing Machinery, Blockchain Society UW - Bothell
- Tau Sigma National Honor Society - UWB and Alpha Alpha Lambda chapter of Phi Theta Kappa Honor Society - EDCC
- Dean's List - University of Washington Bothell and Honor Roll - Edmonds Community College